

GenCore version 5.1.3  
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OM protein - nucleic search, using frame\_plus\_p2n model

Run on: March 14, 2003, 05:41:04 ; Search time 3219 Seconds  
(without alignments)  
2332.564 Million cell updates/sec

Title: US-09-698-781-3  
Perfect score: 258  
Sequence: 1 MKOILHPALETMTATLFPVL.....KHQLVRDCKASCNCNSISY 258

Scoring table: OLIGO  
Xgapop 60.0 , Xgapext 60.0  
Ygapop 60.0 , Ygapext 60.0  
Fgapop 6.0 , Fgapext 7.0  
Delop 6.0 , Delext 7.0

Searched: 2054640 seqs, 14551402878 residues

Word size: 1  
Total number of hits satisfying chosen parameters: 761465

Minimum DB seq length: 20  
Maximum DB seq length: 99

Post-processing: Listing first 100 summaries

Command line parameters:  
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-O/cgn2.1/USPTO.spool/US09698781/runat.07032003.083810.6938/app\_query.fasta\_1.455  
-DB-GenEmbl -OFMT-fastp -SUFFIX-oli.rge -MINMATCH=0.1 -LOOPEXT=0  
-UNITS-bits -START=1 -END=1 -MATRIX-oliigo -TRANS-human40.cdi -LIST=100  
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41: em\_higo\_other:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	7	2.7	41	6	AR198454
2	7	2.7	45	6	I42997
3	7	2.7	81	9	HSU55120
4	6	2.3	20	12	AB069418
5	6	2.3	22	6	BD001095
6	6	2.3	22	6	BD001524
7	6	2.3	24	6	AX444205
8	6	2.3	25	6	AR037955
9	6	2.3	25	6	AX448171
10	6	2.3	25	6	AX476421
11	6	2.3	25	6	AX476422
12	6	2.3	25	6	AX476423
13	6	2.3	25	6	AX476424
14	6	2.3	25	6	AX476425
15	6	2.3	25	6	AX476426
16	6	2.3	25	6	AX476427
17	6	2.3	25	6	AX476428
18	6	2.3	27	6	AR018050
19	6	2.3	27	6	AR071940
20	6	2.3	28	6	AR009658
21	6	2.3	28	6	AR053923
22	6	2.3	28	6	AR053924
23	6	2.3	28	6	I18678
24	6	2.3	28	6	I18679
25	6	2.3	30	6	AR145382
26	6	2.3	30	6	AX338650
27	6	2.3	30	6	AX356035
28	6	2.3	30	6	I36155
29	6	2.3	31	6	AX203821
30	6	2.3	32	6	AR110559
31	6	2.3	32	6	AR151779
32	6	2.3	32	6	AR182160
33	6	2.3	39	6	AX111383
34	6	2.3	40	6	AR053703
35	6	2.3	43	6	I42996
36	6	2.3	43	6	AR021117
37	6	2.3	48	6	AR036261
38	6	2.3	49	6	AR120167
39	6	2.3	49	6	AR126165
40	6	2.3	49	6	AR177981
41	6	2.3	50	6	AR135508
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48	6	2.3	51	6	AX157427
49	6	2.3	51	6	AX157428
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53 2.3 51 6 AX157714 Sequence
54 2.3 51 6 AX161985 Sequence
55 2.3 51 6 AX161986 Sequence
56 2.3 51 6 AX203925 Sequence
57 2.3 51 6 AX204037 Sequence
58 2.3 52 6 AR209852 Sequence
59 2.3 52 6 AX107695 Sequence
60 2.3 53 6 E43317 Composition
61 2.3 54 9 HSDPTNBVRC
62 2.3 63 6 AR120176 Sequence
63 2.3 63 6 AR126174 Sequence
64 2.3 63 6 AR177990 Sequence
65 2.3 66 6 AR079745 Sequence
66 2.3 66 6 AR081275 Sequence
67 2.3 66 6 AR170635 Sequence
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69 2.3 69 6 AX461658 Sequence
70 2.3 70 6 AR135261 Sequence
71 2.3 70 6 AR147236 Sequence
72 2.3 73 6 AX356671 Sequence
73 2.3 74 6 AX322391 Sequence
74 2.3 74 6 I56530 Sequence
75 2.3 80 6 I13490 Sequence
76 2.3 81 14 HIVELPAR4E
77 2.3 84 6 E03577 DNA sequence
78 2.3 85 6 E07901 DNA fragment
79 2.3 85 10 MUSIGNTCA
80 2.3 85 10 MUSC4A14
81 2.3 86 6 AX240931 Sequence
82 2.3 86 11 G68158
83 2.3 87 6 AX339348
84 2.3 88 9 AY006103
85 2.3 91 6 I42342
86 2.3 91 6 I73569
87 2.3 92 3 TOXRSS1
88 2.3 96 4 BOVOST4
89 2.3 96 9 HUMC5A2
90 2.3 98 6 AX088781
91 2.3 98 6 AX127408
92 2.3 98 10 MAZ86079
93 2.3 99 6 AX351035
94 2.3 20 4 DOGP39102
95 1.9 20 6 A48545
96 1.9 20 6 A82586
97 1.9 20 6 A85284
98 1.9 20 6 AR016116
99 1.9 20 6 AR019114
100 1.9 20 6 AR054611 Sequence

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## ALIGNMENTS

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RESULT 1
LOCUS AR198454 41 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 63 from patent US 6352851.
ACCESSION AR198454
VERSION AR198454.1 GI:20248303
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 41)
AUTHORS Nielsen,B,Roenfeldt., Svendsen,A., Pedersen,H., Vind,J.,
Hendriksen,H,Vang. and Frandsen,T,Peter.
TITLE Glucosylase variants
JOURNAL Patent: US 6352851-A 63 05-MAR-2002;
FEATURES
Location/Qualifiers
Source 1..41
BASE COUNT 7 a 11 c 11 g 12 t

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Pred. No.: 96.5
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Best Local Similarity: 100.00%
Query Match: 2.71%
DB: 6
Gaps: 0

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US-09-698-781-3 (1-258) x AR198454 (1-41)

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Qy 24 ValAlaGlyLeuLeuProSer 30
Db 4 GTGGCTGGACTTCTTCACAGC 24

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RESULT 2
LOCUS 142997 45 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5631115.
ACCESSION I42997
VERSION I42997.1 GI:2468241
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 45)
AUTHORS Ohtsuka,E. and Koizumi,M.
TITLE Looped, hairpin ribozyme
JOURNAL Patent: US 5631115-A 19 20-MAY-1997;
FEATURES
Location/Qualifiers
Source 1..45
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ORIGIN

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Best Local Similarity: 100.00%
Query Match: 2.71%
DB: 6
Gaps: 0

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US-09-698-781-3 (1-258) x I42997 (1-45)

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Qy 63 ArgArgAlaValSerProPro 69
Db 2 CGACGGCGTGTTCGCCGCG 22

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RESULT 3
LOCUS HS055120/c 81 bp mRNA linear PRI 17-JUL-1996
DEFINITION Human isolate HR051 T cell receptor V-beta complementarity
ACCESSION U55120
VERSION U55120.1 GI:1431965
KEYWORDS
SOURCE Homo sapiens.
ORGANISM Homo sapiens.
REFERENCE 1 (bases 1 to 81)
AUTHORS Li,Y., Uccelli,A., Laxer,K.D., Jeong,M.C., Vinters,H.V.,
Tourtellotte,W.W., Hauser,S.L. and Oksenberg,J.R.
TITLE Local clonal expansion of infiltrating T lymphocytes in chronic
encephalitis of Rasmussen
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 81)
AUTHORS Oksenberg,J.
TITLE Direct Submission
JOURNAL Submitted (16-APR-1996) Jorge Oksenberg, Department of Neurology,
UCSF Medical Center, Box 0435, 3rd and Parnassus Avenues, San

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Francisco, CA 94143, USA

FEATURES  
source  
1. 81  
/organism="Homo sapiens"  
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determining region 3"  
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Query Match: 2.71% Indels: 0  
DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x HSUS5120 (1-81)  
Oy 19 ValleuLeuPheluValala 25  
Db 51 GTRCTGCTCTTCTTGATGACC 31

RESULT 4  
AB069418 20 bp DNA linear SYN 08-AUG-2001  
LOCUS Synthetic construct DNA, forward primer for human STS sts-DIS2749  
DEFINITION at 1p36.  
ACCESSION AB069418  
VERSION AB069418.1 GI:15130222  
KEYWORDS  
SOURCE synthetic construct DNA.  
ORGANISM  
REFERENCE  
AUTHORS  
1  
Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,  
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,  
Morohashi, A., Ohira, M., Nakagawara, A., Iiu, S., Hoshi, M., Horii, A.  
and Soeda, E.  
A BAC-based STS-content map spanning a 35-kb region of human  
chromosome 1p35-p36  
JOURNAL  
MEDLINE  
REFERENCE  
GENOMICS 74 (1), 55-70 (2001)  
2 (bases 1 to 20)  
TITLE  
AUTHORS  
Horii, A.  
DIRECT SUBMISSION  
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of  
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-Ku, Sendai,  
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,  
Tel: 81-22-717-8042, Fax: 81-22-717-8047)  
FEATURES  
source  
1. 20  
/organism="synthetic construct"  
/db\_xref="taxon:32630"  
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1. 20  
/note="forward primer for human STS sts-DIS2749 at 1p36  
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B84D12, Human BAC library RPCR-11"  
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Score: 6.00 Matches: 6

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DB: 12 Gaps: 0

US-09-698-781-3 (1-258) x AB069418 (1-20)  
Oy 38 AsproAlaPhethAla 43  
Db 1 GATCCTGCCTTACTGCT 18

RESULT 5  
BD001095 22 bp RNA linear PAT 31-JAN-2002  
LOCUS Method and reagent for inhibiting viral replication.  
ACCESSION BD001095  
VERSION BD001095.1 GI:18625654  
KEYWORDS JP 2000342285-A/255.  
SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
1 (bases 1 to 22)  
Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G.,  
Holesek, J.J. and Mamone, A.J.  
METHOD AND REAGENT FOR INHIBITING VIRAL REPLICATION  
PATENT: JP 2000342285-A 255 12-DEC-2000;  
RIBOZYME PHARMACEUTICALS INC  
OS Artificial Sequence  
PN JP 2000342285-A/255  
PD 12-DEC-2000  
PR 01-MAY-2000 JP 2000132616  
PR 11-MAY-1992 US 07/882689, 14-MAY-1992 US 07/882712 PR  
14-MAY-1992 US 07/882713, 14-MAY-1992 US 07/882714 PR  
14-MAY-1992 US 07/882823, 14-MAY-1992 US 07/882824 PR  
14-MAY-1992 US 07/882886, 14-MAY-1992 US 07/882888 PR  
14-MAY-1992 US 07/882889, 14-MAY-1992 US 07/882921 PR  
14-MAY-1992 US 07/882922, 14-MAY-1992 US 07/883823 PR  
14-MAY-1992 US 07/883849, 14-MAY-1992 US 07/884073 PR  
14-MAY-1992 US 07/884074, 14-MAY-1992 US 07/884333 PR  
14-MAY-1992 US 07/884422, 14-MAY-1992 US 07/884431 PR  
14-MAY-1992 US 07/884436, 14-MAY-1992 US 07/884521 PR  
31-JUL-1992 US 07/923738, 26-AUG-1992 US 07/935854 PR  
26-AUG-1992 US 07/936086, 18-SEP-1992 US 07/948359 PR  
15-OCT-1992 US 07/963322, 07-DEC-1992 US 07/987129 PR  
15-OCT-1992 US 07/987130, 07-DEC-1992 US 07/987133 PI  
KENNETH G DRAPER, LEC W DADYKTZ, JAMES A MACSWIGEN, PI DENNIS G  
MAYSEJAK,  
PI JAMES J HOLESEK, ANTHONY J MAMONE  
PC C12N15/09, C12N5/10, C12N7/00, C12N9/22, C12N5/10, C12R1:91, PC  
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PC C12N5/00, C12N5/00, C12R1:91)  
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/db\_xref="taxon:32630"  
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Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 2.33% Indels: 0  
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US-09-698-781-3 (1-258) x BD001095 (1-22)  
Oy 116 SerSerAlaProSerSer 121

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Db      18 TCCTGACGACATCTCC 1
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RESULT 6
BD001524/c      22 bp      RNA      linear      PAT 31-JAN-2002
LOCUS           Method and reagent for inhibiting viral replication.
DEFINITION
ACCESSION       BD001524
VERSION          BD001524.1 GI:18626083
KEYWORDS         JP 2000342286-A/255.
SOURCE           synthetic construct.
ORGANISM         artificial sequences.
REFERENCE        1 (bases 1 to 22)
AUTHORS          Draper, K.G., Dadykiz, L.W., Macswigen, J.A., Mayesjak, D.G.,
                  Holesek, J.J. and Mamone, A.J.
TITLE            Method and reagent for inhibiting viral replication
JOURNAL          Patent: JP 2000342286-A 255 12-DEC-2000;
                  RIBOZYME PHARMACEUTICALS INC
COMMENT          OS Artificial Sequence
                  PN JP 2000342286-A/255
                  PD 12-DEC-2000
                  PF 01-MAY-2000 JP 2000132651
                  PR 11-MAY-1992 US 07/882689, 14-MAY-1992 US 07/882712 PR
                  14-MAY-1992 US 07/882713, 14-MAY-1992 US 07/882714 PR
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                  MAYESJAK,
                  PI JAMES J HOLESEK, ANTHONY J MAMONE
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                  PC A61K39/145, A61K39/21, A61K39/23, A61K39/245, A61K39/29, A61K48/00,
                  PC A61P1/16,
                  PC A61P1/14, A61P1/16, A61P1/18, A61P1/22, A61P35/02, C12O1/68, PC
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US-09-698-781-3 (1-258) x BD001524 (1-22)
OY      116 SerSera1aProSer 121
Db      18 TCCTGACGACATCTCC 1
RESULT 7

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AX444205
LOCUS           AX444205      24 bp      DNA      linear      PAT 03-JUL-2002
DEFINITION      Sequence 660 from Patent WO0216649.
ACCESSION       AX444205
VERSION          AX444205.1 GI:21691483
KEYWORDS
SOURCE           synthetic construct.
ORGANISM         artificial sequences.
REFERENCE        1
AUTHORS          Gunderson, K.
TITLE            Probes and decoder oligonucleotides
JOURNAL          Patent: WO 0216649-A 660 28-FEB-2002;
                  Illumina, Inc. (US)
FEATURES
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US-09-698-781-3 (1-258) x AX444205 (1-24)
OY      203 ProCysA1aSerCysPro 208
Db      5 CCGTCGCGTCATGTCCT 22
RESULT 8
AR037955/c
LOCUS           AR037955      25 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION      Sequence 10 from patent US 5804388.
ACCESSION       AR037955
VERSION          AR037955.1 GI:5956672
KEYWORDS
SOURCE           Unknown.
ORGANISM         Unclassified.
REFERENCE        1 (bases 1 to 25)
AUTHORS          Aguirre, G., Acland, G. and Ray, K.
TITLE            Chromosome 9 and progressive rod cone degeneration disease genetic
                  markers and assays
JOURNAL          Patent: US 5804388-A 10 08-SEP-1998;
FEATURES
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DB:            6      Gaps:      0

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OY      195 Tyra1aProTyrgluGln 200
Db      22 TATGTGCTTATGAGCAA 5
RESULT 9
AX444171

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LOCUS AX448171 25 bp DNA linear PAT 03-JUL-2002
DEFINITION Sequence 4626 from Patent WO0216649.
ACCESSION AX448171
VERSION AX448171.1 GI:21697070
KEYWORDS
SOURCE synthetic construct.
ORGANISM artificial sequences.
REFERENCE
1 Gunderson,K.
AUTHORS Probes and decoder oligonucleotides
TITLE Patent: WO 0216649-A 4626 28-FEB-2002;
JOURNAL Illumina, Inc. (US)
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US-09-698-781-3 (1-258) x AX448171 (1-25)

QY 203 ProCysAlaSerCysPro 208
Db 6 CCGTCGGCTCATGTCT 23

RESULT 10
AX476421 25 bp DNA linear PAT 12-AUG-2002
LOCUS AX476421
DEFINITION Sequence 1642 from Patent WO0224750.
ACCESSION AX476421
VERSION AX476421.1 GI:22215706
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang,J.
AUTHORS Human kidney tumor overexpressed membrane protein 1
TITLE Patent: WO 0224750-A 1642 28-MAR-2002;
JOURNAL Aeomica, Inc. (US)
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BASE COUNT 3 a 9 c 5 g 8 t
ORIGIN

Alignment Scores:
Pred. No.: 655 Length: 25
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 6 Gaps: 0

US-09-698-781-3 (1-258) x AX476421 (1-25)

QY 202 AlaProCysAlaSerCys 207
Db 8 GCTCCCTGGCGCTTGT 25

RESULT 11
AX476422 25 bp DNA linear PAT 12-AUG-2002
LOCUS AX476422
DEFINITION Sequence 1643 from Patent WO0224750.
ACCESSION AX476422
VERSION AX476422.1 GI:22215707
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang,J.
AUTHORS Human kidney tumor overexpressed membrane protein 1
TITLE Patent: WO 0224750-A 1643 28-MAR-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES
source 1..25
Location/Qualifiers
/organism="Homo sapiens"
/db_xref="taxon:9606"
BASE COUNT 3 a 10 c 5 g 7 t
ORIGIN

Alignment Scores:
Pred. No.: 655 Length: 25
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 6 Gaps: 0

US-09-698-781-3 (1-258) x AX476423 (1-25)

QY 202 AlaProCysAlaSerCys 207
Db 6 GCTCCCTGGCGCTTGT 23

RESULT 12
AX476423 25 bp DNA linear PAT 12-AUG-2002
LOCUS AX476423
DEFINITION Sequence 1644 from Patent WO0224750.
ACCESSION AX476423
VERSION AX476423.1 GI:22215708
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang,J.
AUTHORS Human kidney tumor overexpressed membrane protein 1
TITLE Patent: WO 0224750-A 1644 28-MAR-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES
source 1..25
Location/Qualifiers
/organism="Homo sapiens"
/db_xref="taxon:9606"
BASE COUNT 4 a 10 c 5 g 6 t
ORIGIN
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RESULT 13
AX476424      25 bp  DNA      Linear      PAT 12-AUG-2002
LOCUS          Sequence 1645 from Patent W00224750.
ACCESSION      AX476424
VERSION        AX476424.1  GI:22215709
KEYWORDS
SOURCE         human.
ORGANISM       Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE      1
AUTHORS        Zhang, J.
TITLE          Human kidney tumor overexpressed membrane protein 1
JOURNAL        Patent: WO 0224750-A 1645 28-MAR-2002;
                Aeomica, Inc. (US)
FEATURES       Location/Qualifiers
                source          1..25
                                /organism="Homo sapiens"
                                /db_xref="taxon:9606"
BASE COUNT     3 a      10 c      6 g      6 t
ORIGIN
Alignment Scores:
Pred. No.:      655      Length:      25
Score:          6.00      Matches:      6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match:    2.33%      Indels:      0
DB:             Gaps:      0

US-09-698-781-3 (1-258) x AX476424 (1-25)
OY 202 AlaprocysAlasercys 207
DB 5 GCTCCCTGCGCCTCTGT 22

RESULT 14
AX476425      25 bp  DNA      Linear      PAT 12-AUG-2002
LOCUS          Sequence 1646 from Patent W00224750.
ACCESSION      AX476425
VERSION        AX476425.1  GI:22215710
KEYWORDS
SOURCE         human.
ORGANISM       Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE      1
AUTHORS        Zhang, J.
TITLE          Human kidney tumor overexpressed membrane protein 1
JOURNAL        Patent: WO 0224750-A 1646 28-MAR-2002;
                Aeomica, Inc. (US)
FEATURES       Location/Qualifiers
                source          1..25
                                /organism="Homo sapiens"
                                /db_xref="taxon:9606"
BASE COUNT     3 a      11 c      5 g      6 t
ORIGIN
Alignment Scores:
Pred. No.:      655      Length:      25
Score:          6.00      Matches:      6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match:    2.33%      Indels:      0
DB:             Gaps:      0

US-09-698-781-3 (1-258) x AX476425 (1-25)
OY 202 AlaprocysAlasercys 207
DB 4 GCTCCCTGCGCCTCTGT 21
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RESULT 15
AX476426      25 bp  DNA      Linear      PAT 12-AUG-2002
LOCUS          Sequence 1647 from Patent W00224750.
ACCESSION      AX476426
VERSION        AX476426.1  GI:22215711
KEYWORDS
SOURCE         human.
ORGANISM       Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE      1
AUTHORS        Zhang, J.
TITLE          Human kidney tumor overexpressed membrane protein 1
JOURNAL        Patent: WO 0224750-A 1647 28-MAR-2002;
                Aeomica, Inc. (US)
FEATURES       Location/Qualifiers
                source          1..25
                                /organism="Homo sapiens"
                                /db_xref="taxon:9606"
BASE COUNT     2 a      11 c      5 g      7 t
ORIGIN
Alignment Scores:
Pred. No.:      655      Length:      25
Score:          6.00      Matches:      6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match:    2.33%      Indels:      0
DB:             Gaps:      0

US-09-698-781-3 (1-258) x AX476427 (1-25)
OY 202 AlaprocysAlasercys 207
DB 3 GCTCCCTGCGCCTCTGT 20

RESULT 16
AX476427      25 bp  DNA      Linear      PAT 12-AUG-2002
LOCUS          Sequence 1648 from Patent W00224750.
ACCESSION      AX476427
VERSION        AX476427.1  GI:22215712
KEYWORDS
SOURCE         human.
ORGANISM       Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE      1
AUTHORS        Zhang, J.
TITLE          Human kidney tumor overexpressed membrane protein 1
JOURNAL        Patent: WO 0224750-A 1648 28-MAR-2002;
                Aeomica, Inc. (US)
FEATURES       Location/Qualifiers
                source          1..25
                                /organism="Homo sapiens"
                                /db_xref="taxon:9606"
BASE COUNT     2 a      11 c      5 g      7 t
ORIGIN
Alignment Scores:
Pred. No.:      655      Length:      25
Score:          6.00      Matches:      6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match:    2.33%      Indels:      0
DB:             Gaps:      0

US-09-698-781-3 (1-258) x AX476427 (1-25)
OY 202 AlaprocysAlasercys 207
DB 4 GCTCCCTGCGCCTCTGT 21
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Db 2 GCTCCTCGCGCTCTGT 19

# RESULT 17

AX476428

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

BASE COUNT

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

US-09-698-781-3 (1-258) x AX476428 (1-25)

OY 202 Alaprocysalasecys 207

Db 1 GCTCCTCGCGCTCTGT 18

RESULT 18

AR018050/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

BASE COUNT

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

US-09-698-781-3 (1-258) x AR018050 (1-27)

OY 42 ThAlaleuleuthr 47

Db 20 ACAGCTCTGCTAACACC 3

RESULT 19

AR071940/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

RESULT 19

AR071940

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

BASE COUNT

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

US-09-698-781-3 (1-258) x AR071940 (1-27)

OY 42 ThAlaleuleuthr 47

Db 20 ACAGCTCTGCTAACACC 3

RESULT 20

AR009658/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

BASE COUNT

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

US-09-698-781-3 (1-258) x AR009658 (1-28)

OY 62 leuAargalavalser 67

Db 28 CTGCGGCGAGCGGTATCA 11

RESULT 21

AR053923/c

LOCUS

DEFINITION

Sequence 10 from patent US 5834285.

28 bp DNA

linear

PAT 29-SEP-1999

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ACCESSION   AR053923
VERSION     AR053923.1  GI:5978785
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 28)
AUTHORS    Comb,D.G., Perler,F., Kucera,R. and Jack,W.E.
TITLE      Recombinant thermostable DNA polymerase from archaeobacteria
JOURNAL    Patent: US 5834285-A 10 10-NOV-1998;
FEATURES
  source    1..28
            /organism="unknown"
BASE COUNT  5 a      8 c      9 g      6 t
ORIGIN
Alignment Scores:
Pred. No.: 727      Length: 28
Score: 6.00      Matches: 6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 6      Gaps: 0

US-09-698-781-3 (1-258) x AR053923 (1-28)

QY 62 LeuAArgAlaValser 67
LOCUS      118678
DEFINITION Sequence 11 from patent US 5834285.
ACCESSION  AR053924
VERSION    AR053924.1  GI:5978786
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 28)
AUTHORS    Comb,D.G., Perler,F., Kucera,R. and Jack,W.E.
TITLE      Recombinant thermostable DNA polymerase from archaeobacteria
JOURNAL    Patent: US 5834285-A 11 10-NOV-1998;
FEATURES
  source    1..28
            /organism="unknown"
BASE COUNT  6 a      9 c      8 g      5 t
ORIGIN
Alignment Scores:
Pred. No.: 727      Length: 28
Score: 6.00      Matches: 6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 6      Gaps: 0

US-09-698-781-3 (1-258) x AR053924 (1-28)

QY 62 LeuAArgAlaValser 67
LOCUS      118678/c
DEFINITION Sequence 10 from patent US 5500363.
ACCESSION  118678
VERSION    118678.1  GI:1599033
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.

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REFERENCE   1 (bases 1 to 28)
AUTHORS    Comb,D.G., Perler,F., Kucera,R. and Jack,W.E.
TITLE      Recombinant thermostable DNA polymerase from archaeobacteria
JOURNAL    Patent: US 5500363-A 10 19-MAR-1996;
FEATURES
  source    1..28
            /organism="unknown"
BASE COUNT  5 a      8 c      9 g      6 t
ORIGIN
Alignment Scores:
Pred. No.: 727      Length: 28
Score: 6.00      Matches: 6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 6      Gaps: 0

US-09-698-781-3 (1-258) x 118678 (1-28)

QY 62 LeuAArgAlaValser 67
LOCUS      ARI45382/c
DEFINITION Sequence 6 from patent US 6211430.
ACCESSION  ARI45382
VERSION    ARI45382.1  GI:15107249
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 30)
AUTHORS    John,M.E.
TITLE      Folate Promoter
JOURNAL    Patent: US 6211430-A 6 03-APR-2001;

RESULT 24
LOCUS      118679
DEFINITION Sequence 11 from patent US 5500363.
ACCESSION  118679
VERSION    118679.1  GI:1599034
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 28)
AUTHORS    Comb,D.G., Perler,F., Kucera,R. and Jack,W.E.
TITLE      Recombinant thermostable DNA polymerase from archaeobacteria
JOURNAL    Patent: US 5500363-A 11 19-MAR-1996;
FEATURES
  source    1..28
            /organism="unknown"
BASE COUNT  6 a      9 c      8 g      5 t
ORIGIN
Alignment Scores:
Pred. No.: 727      Length: 28
Score: 6.00      Matches: 6
Percent Similarity: 100.00%  Conservative: 0
Best Local Similarity: 100.00%  Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 6      Gaps: 0

US-09-698-781-3 (1-258) x 118679 (1-28)

QY 62 LeuAArgAlaValser 67
LOCUS      ARI45382/c
DEFINITION Sequence 6 from patent US 6211430.
ACCESSION  ARI45382
VERSION    ARI45382.1  GI:15107249
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 30)
AUTHORS    John,M.E.
TITLE      Folate Promoter
JOURNAL    Patent: US 6211430-A 6 03-APR-2001;

RESULT 25
LOCUS      ARI45382
DEFINITION Sequence 6 from patent US 6211430.
ACCESSION  ARI45382
VERSION    ARI45382.1  GI:15107249
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 30)
AUTHORS    John,M.E.
TITLE      Folate Promoter
JOURNAL    Patent: US 6211430-A 6 03-APR-2001;

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FEATURES (US) Location/Qualifiers  
source 1..30  
/organism="unknown"  
BASE COUNT 5 a 9 c 11 g 5 t  
ORIGIN

Alignment Scores:  
Pred. No.: 775 Length: 30  
Score: 6.00 Matches: 6  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 2.33% Indels: 0  
DB: Gaps: 0

US-09-698-781-3 (1-258) x ARI45382 (1-30)

QY 66 ValserProAlaArg 71  
Db 28 GTGAGTCACGACGTGGA 11

RESULT 26  
LOCUS AX338660 30 bp DNA linear PAT 09-JAN-2002  
DEFINITION Sequence 25 from Patent WO0164713.  
ACCESSION AX338660  
VERSION AX338660.1 GI:18129024  
KEYWORDS  
SOURCE synthetic construct.  
ORGANISM synthetic construct.  
REFERENCE 1  
AUTHORS Gasche, C., Zakeri, S. M. and Reinisch, W.  
TITLE Mammalian Interleukin-10 (IL-10) receptor variants  
JOURNAL Patent: WO 0164713-A 25 07-SEP-2001;  
Gasche, Christoph (AT) ; Zakeri, Schaker M. (AT)  
FEATURES  
source 1..30  
/organism="synthetic construct"  
/db\_xref="taxon:32630"  
/note="cDNA"

BASE COUNT 5 a 9 c 12 g 4 t  
ORIGIN

Alignment Scores:  
Pred. No.: 775 Length: 30  
Score: 6.00 Matches: 6  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 2.33% Indels: 0  
DB: Gaps: 0

US-09-698-781-3 (1-258) x AX338660 (1-30)

QY 200 GInGlyAlaProCysAla 205  
Db 11 CAGGAGAGCCCGCTGTCT 28

RESULT 27  
LOCUS AX356035 30 bp DNA linear PAT 06-FEB-2002  
DEFINITION Sequence 6 from Patent WO0183729.  
ACCESSION AX356035  
VERSION AX356035.1 GI:18620597  
KEYWORDS  
SOURCE synthetic construct.  
ORGANISM synthetic construct.  
REFERENCE 1  
AUTHORS Nemerow, G. R., von Seggern, D. J. and Friedlander, M.  
TITLE Vectors for ocular transduction and use thereof for genetic therapy  
JOURNAL Patent: WO 0183729-A 6 08-NOV-2001;  
Novartis AG (CH) ; The Scripps Research Institute (US) ; Nemerow,  
Glen R. (US) ; Von Seggern, Daniel J. (US) ; Friedlander, Marty

FEATURES (US) Location/Qualifiers  
source 1..30  
/organism="synthetic construct"  
/db\_xref="taxon:32630"  
/note="primer"  
BASE COUNT 4 a 9 c 7 g 10 t  
ORIGIN

Alignment Scores:  
Pred. No.: 775 Length: 30  
Score: 6.00 Matches: 6  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 2.33% Indels: 0  
DB: Gaps: 0

US-09-698-781-3 (1-258) x AX356035 (1-30)

QY 79 AsnLysGluAlaAla 84  
Db 23 AATAAGAGCGGCCGCG 6

RESULT 28  
LOCUS I36155 30 bp DNA linear PAT 13-MAY-1997  
DEFINITION Sequence 39 from patent US 5604131.  
ACCESSION I36155  
VERSION I36155.1 GI:2087379  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 30)  
AUTHORS Wadsworth, S., Snyder, B., Reddy, V. B. and Wei, C.  
TITLE cDNA-genomic DNA hybrid sequence encoding APP770 containing a  
JOURNAL genomic DNA insert of the KI and CX-2 regions  
Patent: US 5604131-A 39 18-FEB-1997;  
FEATURES  
source 1..30  
/organism="unknown"

BASE COUNT 11 a 7 c 9 g 3 t  
ORIGIN

Alignment Scores:  
Pred. No.: 775 Length: 30  
Score: 6.00 Matches: 6  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 2.33% Indels: 0  
DB: Gaps: 0

US-09-698-781-3 (1-258) x I36155 (1-30)

QY 26 GlyLeuLeuProSerPhe 31  
Db 20 GGACTCTTACCTCGTTT 3

RESULT 29  
LOCUS AX203821 31 bp DNA linear PAT 30-AUG-2001  
DEFINITION Sequence 80 from Patent WO0146698.  
ACCESSION AX203821  
VERSION AX203821.1 GI:15393265  
KEYWORDS  
SOURCE synthetic construct.  
ORGANISM synthetic construct.  
REFERENCE 1 (bases 1 to 31)  
AUTHORS Schall, T. J., Talbot, D., Miao, Z. and Wei, Z.  
TITLE Tethered ligands and methods of use  
JOURNAL Patent: WO 0146698-A 80 28-JUN-2001;  
Chemocentryx, Inc. (US)

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FEATURES
    source          Location/Qualifiers
                    1..31
                    /organism="synthetic construct"
                    /db_xref="taxon:32630"
                    /note="MRP-1 reverse primer"
BASE COUNT      8 a      7 c      7 g      9 t
ORIGIN

Alignment Scores:
Pred. No.:      799      Length:      31
Score:          6.00      Matches:      6
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match:     2.33%      Indels:      0
DB:              6      Gaps:          0

US-09-698-781-3 (1-258) x AX203821 (1-31)

Oy  13 AlameThrLeuphePro 18
    |||||
Db  11 GCATGCACCTGTGCCCA 28

RESULT 30
ARI10559
LOCUS      ARI10559      32 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 39 from patent US 6114601.
ACCESSION  ARI10559
VERSION    ARI10559.1 GI:12826835
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 32)
AUTHORS   Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and
           Okinaka,Y.
TITLE     Plant genes encoding flavonoid-3', 5'-hydroxylase
JOURNAL   Patent: US 6114601-A 39 05-SEP-2000;
FEATURES
    source          Location/Qualifiers
                    1..32
BASE COUNT      5 a      11 c      9 g      5 t      2 others
ORIGIN

Alignment Scores:
Pred. No.:      822      Length:      32
Score:          6.00      Matches:      6
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match:     2.33%      Indels:      0
DB:              6      Gaps:          0

US-09-698-781-3 (1-258) x ARI10559 (1-32)

Oy  138 PheGlyValGlyProLys 143
    |||||
Db  4  TTCGGAGTCGGCCCAAA 21

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Search completed: March 14, 2003, 06:43:47  
 Job time : 3225 secs